

Abstract of the Disclosure

A wireless endoscope unit includes an RF transmitter for transmitting and receiving signals via an antenna, and an arrangement for taking individual images of the surroundings. These images are then transferred via the RF transmitter to an external image processing unit. In this case, a control serves for executing control commands received via the RF receiver. A dye container is included for keeping a dye and an exit opening, connected to the dye container, is for implementing the dye in tissue in accordance with the control commands of the control.